

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**TESORO GOLDEN EAGLE REFINERY  
ETHANOL STORAGE TANK THROUGHPUT INCREASE PROJECT**

**ENVIRONMENTAL IMPACTS - RESPONSES**

**1. Land Use and Planning.** Would the proposal:

- a. Conflict with general plan designation or zoning? **NO IMPACT**

The proposed project will not conflict with the project site's current zoning classification, since this project is not expected to impact the current zoning of the facility by Contra Costa County. Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, no permits or other public approvals are required for this project, therefore, no conflicts with the general plan designation or zoning of the facility is expected.

- b. Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project? **NO IMPACT**

Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project site will not change due to the increase in throughput at Tank A-612. The pictures submitted by Tesoro of the tank show that it is located in an industrial setting. This tank has been in place since 1949, initially storing gasoline and subsequently adding ethanol in 1992. The proposed project will not conflict with any environmental plans or policies adopted by agencies with jurisdiction over the project.

- c. Be incompatible with existing land use in the vicinity? **NO IMPACT**

The proposed project will not be incompatible with existing land use in the vicinity since the vicinity is highly industrialized, and the proposed project consists of limited modifications to an existing on-site storage tank. The project is the throughput increase of a storage tank. Tesoro has had this capability and will continue to store ethanol in this tank. The tank will simply be brought up to current refinery standards, which includes a new gauge pole for the installation of a radar level detector and a nozzle in the cone roof for installation of a new overfill alarm switch

- d. Affect agricultural resources or operations (e.g. impacts to soils or farmlands, or impacts from incompatible land uses)? **NO IMPACT**

The proposed project will not affect agricultural resources or operations since it will not result in any conflict with existing zoning intended to protect agricultural areas.

- e. Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)? **NO IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**The proposed project will not disrupt or divide the physical arrangement of an established community (including a low-income or minority community) since it consists of limited modifications to an existing on-site storage tank.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**2. Population and Housing.** Would the proposal:

- a. Cumulatively exceed official regional or local population projections?

**NO IMPACT**

**The proposed project limits modifications to an existing storage tank and will have no effect on local population projections.**

- b. Induce substantial growth in an area either directly or indirectly (e.g. through projects in an undeveloped area or extension of major infrastructure?

**NO IMPACT**

**No new housing units are proposed as part of the project, and the proposed modifications to an existing storage tank would not induce any additional population growth, either directly or indirectly.**

- c. Displace existing housing, especially affordable housing?

**NO IMPACT**

**No housing units currently exist at the project site, and the proposed modifications to an existing storage tank will not displace any existing housing.**

**3. Geologic Problems.** Would the proposal result in or expose people to potential impacts involving:

- a. Fault rupture?

**NO IMPACT**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the site is not on filled land or on a slope of 10 percent or more. The proposed project, modifications to an existing storage tank, will not result in or expose people to potential substantial adverse effects involving rupture of a known earthquake fault.**

- b. Seismic ground shaking?

**NO IMPACT**

**Modifications to an existing storage tank will be required to comply with current best practice engineering and seismic design standards. This will minimize potential damage due to seismic shaking.**

- c. Seismic ground failure, including liquefaction?

**NO IMPACT**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the site is not on filled land. Due to the general nature of soils beneath the project site, seismic ground failure, including liquefaction is not likely to occur.**

- d. Seiche, tsunamis, or volcanic hazard?

**NO IMPACT**

**The project site is not located in an area that presents a seiche, tsunami, or volcanic hazard.**

- e. Landslides or mud flows?

**NO IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**The project site is flat and will not be at risk for landslides or mudflows.**

- f. Erosion, changes in topography or unstable soil conditions from excavation, grading, or fill? **NO IMPACT**

**The proposed project will not require any changes to existing site topography.**

- g. Subsidence of the land? **NO IMPACT**

**The proposed project limits modifications to an existing storage tank and will not result in changes to subsidence of the land.**

- h. Expansive soils? **NO IMPACT**

**No construction is related to this project, so the proposed project will not result in or expose people to risks due to project construction activities on expansive soils.**

- i. Unique geologic or physical features? **NO IMPACT**

**The project site is a highly-developed, industrial area. No unique geologic or physical features have been identified at the site. The proposed project will have no adverse impacts on any known unique geologic or physical feature.**

**4. Water.** Would the proposal result in:

- a. Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff? **NO IMPACT**

**The proposed project will limit modifications to an existing storage tank and will not cause changes in absorption rates, drainage patterns, or the rate and amount of surface runoff.**

- b. Exposure of people or property to water related hazards such as flooding? **NO IMPACT**

**The proposed project will not result in exposure to people or property to water related hazards such as flooding through any alteration of existing drainage patterns, or through an increase in the rate or amount of surface runoff.**

- c. Discharge into surface waters, or in any alteration of surface water quality (e.g. temperature, dissolved oxygen, or turbidity)? **NO IMPACT**

**The proposed project will not result in any discharge into surface waters, or in any alteration of surface water quality.**

- d. Changes in the amount of surface water in any water body? **NO IMPACT**

**The proposed project will not result in changes in the amount of surface water in any water body.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

- e. Changes in currents, or the course or direction of water movements?

**NO IMPACT**

**The proposed project will not result in changes in currents, or the course or direction of water movements since there will be no modification of existing facilities or installation of new equipment in the vicinity of any existing water courses.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

- f. Change in the quantity of ground waters through direct additions or withdrawals, through interception of an aquifer by cuts or excavations, or through substantial loss of groundwater recharge capability?

**NO IMPACT**

**The proposed project will not cause any change in quantity of ground waters since there will be no direct additions or withdrawals, interceptions of aquifers by cuts or excavations, or loss of groundwater recharge capability.**

- g. Altered direction or rate of flow of groundwater?

**NO IMPACT**

**The proposed project will not cause any alteration in the direction or rate of groundwater flow since there will be no direct additions or withdrawals, interceptions of aquifers by cuts or excavations, or loss of groundwater recharge capability.**

- h. Impacts to groundwater quality?

**LESS THAN  
SIGNIFICANT  
IMPACT**

**In her April 22, 2005 letter, Sharon Lim, of Tesoro, stated that Tank 612 is an internal floating roof tank that measures 50 feet diameter by 30 feet high. A double-bottom with leak detection was installed in 1992. The tank has been maintained over the years and is in good condition. The tank was originally constructed in 1949. The tank is inspected in accordance with best industry standard API 653 and BAAQMD Regulation 8, Rule 5.**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not result in any change in ocean, bay, lake, stream or groundwater quality or quantity, or alteration of existing drainage patterns.**

**This project does not include any new equipment. This permit is for the increase in throughput. In a separate permit application, BAAQMD Application Number 10668, Tesoro permitted a new ethanol unloading rack, a new pump, and miscellaneous piping. New piping is both aboveground and below ground. The lines underground are in a sleeve (the pipe that is carrying ethanol is inside another pipe) and are wrapped per Tesoro standards. Operations will perform daily visual inspections as they make their rounds. Risk of a catastrophic pipeline failure and subsequent spill is low.**

**The April 22nd Tesoro letter continues by explaining that this project will not increase the risk of an ethanol spill since Tesoro has stored ethanol in Tank A-612 and the volume of the tank has not changed. The potential for a leak is the same as in the past. The tank is equipped with a double bottom and leak detection to minimize the risk of product spill to ground. Hydrotests and floor plate inspections are also done during plant turnarounds to assure the integrity of the tank. Tesoro will also have an automatic shut-off to prevent overfilling. The tank is equipped with an overfill alarm switch, which stops flow to the tank automatically by shutting down the loading pump. This high level alarm will also be displayed in the gauger control room. Operations will also perform daily inspections.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

Tesoro has enough containment per the Storm Water Pollution Prevention Plan and Spill Prevention Control and Countermeasures Plans (SPCC Plans). Tesoro has both plans and has submitted copies of both plans to the BAAQMD. Tesoro has an extensive groundwater monitoring program and results are published semi-annually. Tesoro submitted a recent groundwater monitoring report to the BAAQMD. The bermed area around the tank cannot hold the entire contents of the tank. However, ethanol can flow to the East Canal, which provide adequate containment for the entire Tank 612 system. Some of the ethanol will also flow to the oily sewer system within the bermed area. Although the SPCC plan does not specifically list Tank 612, the SPCC does cover the Tract 3 area. Tesoro will amend the plan to include Tank 612.

The Golden Eagle Refinery is located at the water table. It is primarily flat under the refinery. However, if there is any movement, the groundwater flow moves northwest.

Risk of a catastrophic tank failure and subsequent large quantity spill is low. Based on industry statistical data, the expected frequency of a catastrophic tank failure is on the order of one catastrophic failure in 10,000 to 100,000 tank-years. This would reasonably be judged as a “low” or infrequent occurrence. From a process hazards analysis perspective, a determination that the likelihood of an event occurring is “low” (or “unlikely”) is the lowest likelihood ranking possible.

In the event of any spill, quick emergency response actions will prevent a spill from reaching groundwater. While quick response is the key to efficient mitigation of a spill, other factors are equally, if not more important than quick response. Tesoro’s primary measure is the preventive measures that do not allow the spill to happen in the first place. However, in the event of a spill, emergency preparedness and response actions provide for cleanup, and subsequent remediation such as removal of any contaminated soil. Tesoro’s Spill Prevention, Control & Countermeasures (“SPCC”) Plan and Stormwater Pollution Prevention Plan (copies of both provided to the BAAQMD) contain additional information on the measures and actions that will minimize the potential for a spill to reach groundwater.

An overall analysis of the project would conclude that there will be no increase in risk of a spill with potential for impacting surface water or groundwater.

- i. Substantial reduction in the amount of groundwater otherwise available for public water supplies?

**NO IMPACT**

The proposed project will not cause any reduction in the amount of groundwater otherwise available for public water supplies since there will be no direct additions or withdrawals, interceptions of aquifers by cuts or excavations, or loss of groundwater recharge capability.

**5. Air Quality.** Would the proposal:

- a. Violate any air quality standard or contribute to an existing or projected air quality violation?

**LESS THAN  
SIGNIFICANT  
IMPACT**

The proposed project will not violate any air quality standard or contribute to an existing or projected air quality violation. Modifications to existing facilities and

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

installation of new equipment are subject to BAAQMD permitting requirements and emissions control standards and are expected to comply. The proposed project's estimated maximum VOC emissions are below the BAAQMD significance impact threshold level of 80 pounds/day. The *Bay Area 2000 Clean Air Plan* is the state-mandated regional air quality plan. This plan contains mobile source, stationary source, and transportation source controls necessary in the region to attain state and federal ozone air quality standards. The proposed project does not conflict with any assumptions used in preparation of the control plan or the implementation of any specific controls. Routine operation of the proposed project is not expected to violate any air quality standard.

Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not result in a change in dust, ash, smoke, fumes, or odors in the vicinity.

**Tail-Pipe Emissions from Diesel-Fueled Trucks associated with this project:**

On July 11, 2005, the BAAQMD Toxics Evaluation Section completed a health risk screening analysis for increases in tail-pipe emissions from diesel-fueled trucks associated with this project. The maximum health risks were estimated using guideline procedures adopted for use in the Air Toxics Hot Spots (ATHS) Program. The general ATHS Program approach involves using air emissions estimates and dispersion modeling to estimate maximum ambient air concentrations of toxic air contaminants (TACs), and then using these concentrations to estimate an individual's maximum exposure and health risk based on toxicity values adopted by the Cal/EPA Office of Environmental Health Hazard Assessment (OEHHA). For diesel-fueled engines, OEHHA has adopted a chronic Reference Exposure Level (REL), and inhalation cancer unit risk factor (URF), which use diesel particulate matter (PM) as a surrogate for all emitted TACs.

A running emission factor of 0.67 g/mile was used to estimate diesel-PM emissions from trucks. This is the emission factor used by the California Air Resources Board (CARB) to estimate emissions from diesel-fueled trucks for the highway scenarios evaluated in Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles, CARB, October 2000.

There will be no construction associated with the increase in tank throughput.

Vehicle activity was assumed to be four round trip diesel-fueled trucks per day based on estimates from Tesoro. The modeling domain for the analysis consisted of an area extending about 2 miles from the boundary of the Golden Eagle Refinery. Trucks were assumed to travel southbound across the Benicia-Martinez Bridge and continue southbound on the I-680 freeway, turning east on to Waterfront Road and then continue on surface roads within the facility to the load rack. The trucks were then assumed to re-trace their route out of the facility and onto the freeway.

Emissions were determined only for truck-travel from the south end of the Benicia-Martinez Bridge. Emissions beyond this location are not expected to have a significant effect on the receptor areas within the modeling domain.



Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

Maximum annual average dispersion factors were generated using EPA's ISCST3 dispersion model. A series of adjacent three-dimensional area sources were established along the truck route previously described. Area source widths were selected to approximate the width of the roadway plus a 3-foot shoulder on each side. An emission release height of three meters was assumed, along with an initial vertical dimension of three meters. Emission rates for each area source were set at 1 gram/sec per 100 feet of roadway.

Meteorological inputs consisted of four years of sequential on-site wind data collected at the Golden Eagle Refinery during the years of 2000 to 2003. Receptor inputs consisted of a grid of 6178 receptor points spaced at 50-meter intervals within the modeling domain. Terrain elevations for sources and receptors were extracted from USGS NAD27 DEMs.

Incremental health risks were estimated based on the maximum predicted annual average diesel PM concentration using the OEHHA chronic REL and cancer URF. For this project, the maximum chronic hazard index was estimated to be 9.5E-04. The maximum lifetime cancer risk was estimated to be 1.44 in one million. The health risk associated with the increased diesel-fueled truck traffic is assessed to be not significant.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

- b. Expose sensitive receptors to pollutants? **NO IMPACT**

**Construction and routine operation of the proposed project are not expected to expose any sensitive receptors to pollutants.**

- c. Alter air movement, moisture, or temperature, or cause any change in climate? **NO IMPACT**

**The proposed project will not alter air movement, moisture, or temperature, or cause any change in climate since there are no greenhouse gas emissions from the storage tank.**

- d. Create objectionable odors? **NO IMPACT**

**Construction and routine operation of the proposed project are not expected create any objectionable odors. Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not result in a change in dust, ash, smoke, fumes, or odors in the vicinity.**

**6. Transportation/Circulation.** Would the proposal result in:

- a. Increased vehicle trips or traffic congestion? **LESS THAN SIGNIFICANT IMPACT**

**The proposed project will cause a limited amount of increased vehicle trips during the construction period. Routine operation of the proposed project will not generate any increase in employment and no additional employee vehicle trips. There will be an increase in the number of tanker truck vehicle trips by 4 trucks/day to the project site to deliver ethanol.**

- b. Hazards from design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)? **NO IMPACT**

**The proposed project will not result in hazards from design features or incompatible uses since the project does not involve any modifications to roadways at or in the vicinity of the project site.**

- c. Inadequate emergency access or access to nearby uses? **NO IMPACT**

**The proposed project site currently has adequate emergency access and allows access to nearby uses as necessary for facility operations. The proposed project will not in any way alter emergency or nearby use access to the site.**

- d. Insufficient parking capacity on-site or off-site? **NO IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**Workers involved with construction of the proposed project will park their vehicles in existing areas at the project site. There is adequate parking at the project site to support the increase in parking demand during project construction.**

- e. Hazards or barriers for pedestrians or bicyclists? **NO IMPACT**

**The proposed project will not result in hazards or barriers for pedestrians or bicyclists since the project site is a secured location with no pedestrian or bicycle access.**

- f. Conflicts with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks)? **NO IMPACT**

**No aspect of the proposed project will conflict with adopted policies supporting alternative transportation.**

- g. Rail, waterborne, or air traffic impacts? **NO IMPACT**

**No aspect of the proposed project will result in rail, waterborne, or air traffic impacts since none of these modes of transportation will be used by, or result from, the proposed project.**

**7. Biological Resources.** Would the proposal result in impacts to:

- a. Endangered, threatened, or rare species or their habitats (including, but not limited to, plants, fish, insects, animals, and birds)? **NO IMPACT**

**The proposed project site has been extensively developed and does not provide suitable habitat for endangered, threatened, or rare species.**

- b. Locally designated species (e.g. heritage trees)? **NO IMPACT**

**The proposed project site does not contain any known locally designated species.**

- c. Locally designated natural communities (e.g. oak forest, coastal habitat, etc.)? **NO IMPACT**

**The proposed project site does not contain any known locally designated natural communities, and the proposed project will not result in impacts to any locally designated communities.**

- d. Wetland habitat (e.g. marsh, riparian and vernal pool)? **NO IMPACT**

**The proposed project site does not contain any federally protected wetlands, and the proposed project will not result in impacts to any wetland habitat.**

- e. Wildlife dispersal or migration corridors? **NO IMPACT**

**The proposed project is not expected to result in impacts to wildlife dispersal or migration corridors.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**8. Energy and Mineral Resources.** Would the proposal:

- a. Conflict with adopted energy conservation plans? **NO IMPACT**

**The proposed project will not conflict with any known, adopted energy conservation plans.**

- b. Use non-renewable resources in a wasteful and inefficient manner? **NO IMPACT**

**The proposed project will not use non-renewable resources in a wasteful or inefficient manner since the project is subject to corporate policy standards for resource use and efficiency. Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not substantially increase fossil fuel consumption.**

- c. Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State? **NO IMPACT**

**The proposed project site contains no known mineral resources. The proposed project will not result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State.**

**9. Hazards.** Would the proposal involve:

- a. A risk of accidental explosion or release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation)? **LESS THAN SIGNIFICANT IMPACT**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not use or dispose of potentially hazardous materials, such as toxics substances, flammables or explosives.**

**The proposed project does involve some risk of an accidental spill of ethanol and a possible subsequent fire. The ethanol storage tank is located inside of a contained area large enough to hold the entire contents of a full tank. The risk of a catastrophic tank spill is very low. The risk of any ethanol spill igniting is also very low.**

**The tank has a double bottom and is equipped with leak detection to minimize the risk of product spill to ground. Hydrotests and floor plate inspections are done during turnarounds to assure the integrity of the tank. Operations will also perform daily visual inspections. There is no increased risk of a spill occurring at the site from this tank since it is an existing tank, and it's contents are not changing. Risk of a catastrophic tank failure and subsequent large quantity spill is low.**

**The worst-case spill may mean different things depending on the context. From strictly a measurement of volume, the worst-case plausible spill is the volume of the largest tank released to the secondary containment area based on a 24-hour period. However, the real consideration for such a spill is how quickly it be**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

mitigated once it occurs, and the elements used to prevent that spill in the first place.

This tank will be equipped with an overfill alarm switch, which stops flow to the tank automatically by shutting down the loading pump. This high level alarm will also be displayed in the gauger control room. The safe working capacity of a tank is generally set at 75-90% of its shell capacity. Tanks are constantly monitored during the filling process. Tanks are also inspected per API 653 by a third-party contractor.

Catastrophic failure of piping for refinery piping is extremely low. Most serious failures have occurred with DOT-regulated piping systems. These failures have been caused by third- party impacts, brittle fracture, operations, and corrosion.

New piping is both aboveground and below ground. The lines underground are in a sleeve (the pipe that is carrying ethanol is inside another pipe) and are wrapped per Tesoro standards. Operations will perform daily visual inspections as they make their rounds. Risk of a catastrophic pipeline failure and subsequent spill is low.

An overall analysis of the Ethanol Throughput Increase Project would conclude that there will be no increase in risk of a spill with potential for impacting surface water or groundwater.

- b. Possible interference with an emergency response plan or an emergency evacuation plan?

**NO IMPACT**

Construction and routine operation of the proposed project are not expected to result in possible interference with any emergency response plan or emergency evacuation plan since the proposed project is consistent with, and makes only minor changes to, existing operations at the project site.

- c. The creation of any health hazard or potential health hazard?

**NO IMPACT**

Construction and routine operation of the proposed project are not expected to result in creation of any health hazard or potential health hazard.

- d. Exposure of people to existing sources of potential health hazards?

**NO IMPACT**

Construction and routine operation of the proposed project are not expected to result in exposure of people to existing sources of potential health hazards.

**10. Noise.** Would the proposal result in:

- a. Increases in existing noise levels?

**NO IMPACT**

No construction is proposed for this project. Also, per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not change the existing noise or vibration levels in the vicinity.

- b. Exposure of people to severe noise levels?

**NO IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**No construction is proposed for this project. Also, per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not change the existing noise or vibration levels in the vicinity.**

**11. Public Services.** Would the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

a. Fire protection?

**NO IMPACT**

**The proposed project will have no effect upon, or result in the need for new or altered fire protection services since the project is consistent with, and makes only minor changes to, existing operations at the project site. Fire suppression systems at the project site will remain adequate following completion of the project, and is not expected to place additional fire protection services above existing levels.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

b. Police protection?

**NO IMPACT**

**The proposed project will have no effect upon, or result in the need for new or altered police protection services since the project is consistent with, and makes only minor changes to, existing operations at the project site. Tight security and limited access to the project site will remain adequate following completion of the project, and is not expected to place additional police protection services above existing levels.**

c. Schools?

**NO IMPACT**

**The proposed project will have no effect upon, or result in the need for new or altered schools since the project is consistent with, and makes only minor changes to, existing operations at the project site and does not involve housing or other public development.**

d. Maintenance of public facilities, including roads?

**NO IMPACT**

**The proposed project will have no effect upon, or result in the need for maintenance of public facilities, including roads since the project is consistent with, and makes only minor changes to, existing operations at the project site. Project construction activities will cause no significant impact to public facilities, including roads. Routine operation of the proposed project is not expected to have an effect on, or result in additional need for, maintenance of public facilities, including roads.**

e. Other governmental services?

**NO IMPACT**

**The proposed project will have no effect upon, or result in the need for other government services.**

**12. Utilities.** Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities:

a. Power or natural gas?

**NO IMPACT**

**The power consumption increase required to accommodate the increased ethanol throughput will have negligible effect on current power consumption levels at the project site.**

b. Communications systems?

**NO IMPACT**

**The proposed project will not result in a need for new systems or supplies, or substantial alteration to communications systems since there are no communications systems impacted by the project. Communications systems at the project site will remain adequate following completion of the project.**

c. Local or regional water treatment or distribution facilities?

**NO IMPACT**

**The proposed project is not expected to generate any additional wastewater and will not result in the need for new systems or supplies, or substantial alteration to local or**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**regional water treatment or distribution facilities since there are no local or regional water treatment or distribution facilities impacted by the project.**



Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

d. Sewer or septic tanks?

**NO IMPACT**

**The proposed project will not result in the need for new systems or supplies, or substantial alteration to sewer or septic tanks since there will be no change in demand for sewers and there are no septic tanks located at the project site.**

e. Storm water drainage?

**NO IMPACT**

**The proposed project will not increase the amount of impervious surfaces at the project site, and will not result in the need for new systems or supplies, or substantial alteration to the on-site or off-site storm water drainage system since the volume of storm water generated will not change.**

f. Solid waste disposal?

**NO IMPACT**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not result in significant amounts of solid waste or litter. The proposed project will not result in the need for new systems or supplies, or substantial alteration to solid waste disposal services since the project will have no effect on the volume of solid waste generated or solid waste requiring disposal.**

g. Local or regional water supplies?

**NO IMPACT**

**The proposed project will not result in the need for new systems or supplies, or substantial alteration to local or regional water supplies since the project will not change the volume of water required at the project site.**

### **13. Aesthetics. Would the proposal:**

a. Affect a scenic vista or scenic highway?

**NO IMPACT**

**Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not change scenic views or vistas from existing residential areas or public lands or roads.**

b. Have a demonstrable negative aesthetic effect?

**NO IMPACT**

**The proposed project modifications to existing facilities and installation of new equipment will not alter the visual effect of the facility. The proposed project will not have demonstrable negative aesthetic effect. Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project will not result in any change in existing features of any bays, tidelands, beaches, or hills, or substantial alteration of ground contours.**

c. Create light or glare?

**NO IMPACT**

**The proposed project will require a limited amount of additional lighting to provide for safe operations at night. This additional lighting will be located in the tanker truck**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**unloading area. The proposed project will not increase lighting and reflective surfaces to a noticeable degree since the project site is located in an industrial area and there are no residential uses in the immediate area.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

**14. Cultural Resources.** Would the proposal:

- a. Disturb paleontological resources? **NO IMPACT**

**No paleontological resources have been identified at the project site, so the proposed project is not expected to disturb any paleontological resources.**

- b. Disturb archaeological resources? **NO IMPACT**

**No archeological resources have been identified at the project site, so the proposed project is not expected to disturb any archeological resources.**

- c. Affect historical resources? **NO IMPACT**

**No historical resources have been identified at the project site, so the proposed project is not expected to disturb any historical resources.**

- d. Have the potential to cause a physical change which would affect unique ethnic cultural values? **NO IMPACT**

**The proposed project does not have the potential to cause a physical change which would affect unique ethnic cultural values, since there are no unique ethnic cultural values affected by the project site.**

- e. Restrict existing religious or sacred uses within the potential impact area? **NO IMPACT**

**No religious or sacred uses have been identified within the potential impact area of the proposed project site. The proposed project will not restrict existing religious or sacred uses within the potential impact area.**

**15. Recreation.** Would the proposal:

- a. Increase the demand for neighborhood or regional parks or other recreational facilities? **NO IMPACT**

**The proposed project will not increase the demand for neighborhood or regional parks or other recreational facilities since the project site does not involve any residential uses.**

- b. Affect existing recreational opportunities? **NO IMPACT**

**The proposed project will not affect existing recreational opportunities since the project site does not involve any recreational uses.**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	-----------

## 16. Mandatory Findings of Significance.

- a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

**NO IMPACT**

**The proposed project does not have the potential to degrade the quality of the environment. The project site does not contain, and the proposed project has no potential to substantially reduce, fish or wildlife habitat. The project site also does not contain, and the proposed project has no potential to substantially reduce, plant or animal communities, rare or endangered plants or animals, or important examples of the major periods of California history or prehistory.**

- b. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?

**NO IMPACT**

**The proposed project does not have the potential to achieve short-term, to the disadvantage of long-term, environmental goals, since the project will not significantly add to the existing level of development at the project site, and no environmental goals will be impacted.**

- c. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

**LESS THAN  
SIGNIFICANT  
IMPACT**

**The proposed project will not cause impacts that are individually limited but cumulatively considerable. The proposed project will not significantly add to the existing level of industrial development at, or in the vicinity of, the project site. Per the April 21, 2005 Appendix H, Environmental Information Form, completed by Tesoro, the project is related to the project permitted under Application Number 10668. Application Number 10668 was a separate permit application, in which, Tesoro obtained BAAQMD permits for a new ethanol unloading rack, a new pump, and miscellaneous piping.**

**There are no other known past projects, current projects, or probable future projects to consider.**

- d. Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

**NO IMPACT**

**The proposed project will not have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly.**

## Attachment

### DETERMINATION

On the basis of this initial evaluation:

- X   I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find the proposed project MAY have a significant effect on the environment, but at least one "potentially significant impact" or "potentially significant unless mitigated" impact (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that, although the proposed project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (1) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (2) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures from the EIR that are imposed upon the proposed project.

\_\_\_\_\_  
Barry G. Young  
Supervising Air Quality Engineer

\_\_\_\_\_  
Date

Reviewed by:

\_\_\_\_\_  
Steve Hill  
Manager, Permit Evaluation

\_\_\_\_\_  
Date

\_\_\_\_\_  
Brian Bateman  
Director of Engineering

\_\_\_\_\_  
Date

\_\_\_\_\_  
Peter Hess  
Deputy Air Pollution Control Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jack C. Broadbent  
Executive Officer/Air Pollution Control Officer

\_\_\_\_\_  
Date